2nd Annual Advancing Quality Improvement Science for Children’s Healthcare Research

APA Conference for Pediatric Quality Improvement Methods, Research and Evaluation
APRIL 27, 2012
Marriott Copley Place in Boston, Massachusetts

REGISTRATION COST: $150 - Professional; $100 - Resident; $50 - Student (Opening Plenary Only)

This unique meeting will focus on state-of-the-art methods for pediatric healthcare quality improvement (QI) research and bring together leaders and innovators in pediatric QI research.

Topics to be addressed include:
- Stepped Wedge Designs
- Interrupted Time Series
- Statistical Process Control in QI Research
- Navigation and Statistical Management of Large Databases in QI Research
- Risk Adjustment in Quality Improvement Research
- Formative Evaluation/Discovery Capacity
- Publishing and Disseminating Results of QI Research
- Using Mixed Methods in QI Research
- Using Patient Registries in QI Research

The meeting will discuss challenges of using these methods and develop an agenda for further improving and applying QI research methodologies, as well as integrating evidence-based quality improvement strategies into front-line QI efforts such as maintenance of certification.

Who Should Attend: Clinicians, administrators, and investigators with interest and/or experience in how to conduct, evaluate, apply, or interpret quality improvement research.

Objectives:
1. Understand state-of-the-art QI research methodologies, as well as when and how to apply them to future QI intervention evaluations,
2. Describe limitations of current methodologies and methods to address these limitations,
3. Identify new local, regional and national resources, contacts and collaborators for future QI research activities, and
4. Propose research and action agendas to advance quality improvement science for children’s health care.

Goals:
1. To further develop and communicate aspects of pediatric health services research related to methods for performing QI research in children’s health care,
2. To identify additional strategies and mechanisms for enhancing QI research methods in order to advance the scientific soundness of pediatric QI research,
3. To move forward the discussion around health services research methodological and technical issues in QI research that are of interest to pediatric health care and that may be applicable more broadly, and to promote the development of consensus in areas where appropriate,
4. To disseminate and implement health services research information and tools for evaluating health care delivery through QI, and
5. To enhance the use of QI research methods, with the ultimate goal of improving the health of children through higher quality health care, that is, health care that is safer, more effective, timelier, more equitable, and more patient-centered.

This conference is supported by the Agency for Healthcare Research and Quality.
ACCREDITATION AND CME INFORMATION

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Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Mount Sinai School and the Academic Pediatric Association. Mount Sinai School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation

The Mount Sinai School of Medicine designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Verification of Attendance

Verification of attendance will be provided to all professionals.

Special needs

The Mount Sinai School of Medicine is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations please contact Jackie Madden at the APA office at 703-556-9222 or Jackie@academicpeds.org.

Acknowledgement

This activity is also made possible in part by an educational grant from The Agency on Healthcare Research and Quality (AHRQ).

Faculty Disclosure

It is the policy of MSSM to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course materials.

Funding for this conference was made possible in part by grant 1R13 HS21397-01 from the Agency for Healthcare Research and Quality (AHRQ). The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.
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<tr>
<th>TIME</th>
<th>TOPIC</th>
<th>SPEAKER</th>
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<td>8:30 – 9:00 am</td>
<td>Continental Breakfast - Networking</td>
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<td>9:00 – 11:00 am</td>
<td>Opening Plenary</td>
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<td>9:00 – 9:20 am</td>
<td>APA Welcome</td>
<td>Peter Szilagyi, MD, MPH</td>
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<td>9:20 – 9:45 am</td>
<td>Conference Overview: Goals and Objectives</td>
<td>Lawrence Kleinman, MD, MPH, FAAP</td>
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<td>9:45 – 10:50 am</td>
<td>Keynote – Title TBD</td>
<td>David Blumenthal, MD, MPP</td>
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<td>10:50 – 11:00 am</td>
<td>Instructions for Breakout Sessions/Move to Breakout Session Rooms</td>
<td>Rita Mangione-Smith, MD, MPH</td>
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<td>11:00 am – 1:00 pm</td>
<td>Breakout Sessions – Choose 1</td>
<td>SESSION LEADER</td>
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<tr>
<td>FULL</td>
<td>1) Stepped Wedge Designs - 101</td>
<td>Chuan Zhou, PhD</td>
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<td>2) Interrupted Time Series - 201</td>
<td>Robert Penfold, PhD</td>
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<td>FULL</td>
<td>3) Statistical Process Control in QI Research</td>
<td>Maria Britto, MD, MPH, Terri Byczkowski, PhD</td>
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<td>FULL</td>
<td>4) Navigation and Statistical Management of Large Databases in QI Research- 101</td>
<td>Michelle Garrison, PhD</td>
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<td>5) Risk Adjustment in Quality Improvement Research</td>
<td>Lawrence Kleinman, MD, MPH, FAAP</td>
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<td>6) Formative Evaluation/Discovery Capacity</td>
<td>Laura Leviton, PhD</td>
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<td>1:00 – 2:15 pm</td>
<td>Roundtable Lunch with Leaders of Organizations Engaged in QI</td>
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<td>Implementation and Research: Visit Tables of Interest</td>
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<td>1) AAP - Pediatric Research in Office Settings Network</td>
<td>Richard &quot;Mort&quot; Wasserman, MD, MPH</td>
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<td>2) National Initiative for Child Health Quality (NICHQ)</td>
<td>Charles Homer, MD, MPH</td>
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<td>FULL</td>
<td>3) Quality Improvement and Innovations Network (QuIIN)</td>
<td>Steven Kairys, MD, MPH</td>
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<td>FULL</td>
<td>4) Pediatric Research in Inpatient Settings Network (PRIS)</td>
<td>Rajendu Srivastava, MD, MPH</td>
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<td>5) American Academy of Family Physicians National Research Network</td>
<td>Wilson Pace, MD, FAAFP</td>
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<td>2:15 – 4:15 pm</td>
<td>Breakout Sessions – Choose 1</td>
<td>SESSION LEADER</td>
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<td>1) Stepped Wedge Designs - 201</td>
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<td>Robert Penfold, PhD</td>
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<td>FULL</td>
<td>3) Publishing and Disseminating Results of QI Research</td>
<td>Alex Kemper, MD, MPH, MS and James Perrin, MD, FAAP</td>
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<td>4) Navigation and Statistical Management of Large Databases in QI Research- 201</td>
<td>Michelle Garrison, PhD</td>
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<td>FULL</td>
<td>5) Using Mixed Methods in QI Research</td>
<td>Shoshanna Sofaer, PhD</td>
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<td>FULL</td>
<td>6) Using Patient Registries in QI Research</td>
<td>David Link, MD</td>
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<td>4:15 – 4:30 pm</td>
<td>Coffee Break and Networking</td>
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<td>4:30 – 5:15 pm</td>
<td>Closing Plenary</td>
<td>SPEAKER</td>
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<td>Reactions to the Day and the Way Forward</td>
<td>Charles Homer, MD, MPH</td>
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<td>5:15 – 5:20 pm</td>
<td>Closing Comments and Thanks</td>
<td>Lawrence Kleinman, MD, MPH, FAAP</td>
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<td>7:00 – 9:00 pm</td>
<td>Self Pay Dinner and Networking at Side Bar, Sheraton Boston Hotel</td>
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Academic Pediatric Association  QI Research Conference II  
April 27, 2012 ● Boston, MA 

Conference Registration Form  

Personal Information  Please print or type clearly 

Name: ___________________________________________________ Degree(s) ______________________ 

Check all that apply:  
____Published QI investigator  ___Funded QI investigator  ____QI implementer  ____No QI to date but interested in QI research 
____ Other (please explain:_______________________________________________________________________________ ) 
____ Planning to publish  __ Not planning to publish  ____Not sure about publishing results 

Academic Rank: ___________________________________________________ 

Department(s): ______________________________________ Institution _____________________________ 

Address: _____________________________ City: _____________________________ State: __________ Zip: __________ 

Phone: _____________________________ Email: _____________________________ 

What do you hope to gain by attending this meeting? _______________________________________________________

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REGISTRATION COST:  _____$150.00  Professional  
____$100.00  Resident  
____$50.00  Student (Opening Plenary Only)  

Payment:    ______Check            ________ Credit Card                 Type:    VISA      MasterCard 

Credit Card # ______________________________________________   Expiration Date ______/________ 

Please make checks payable to the Academic Pediatric Association. Send completed form and $150 check to the Academic Pediatric Association; 6728 Old McLean Village Drive, McLean, VA 22101. For questions, please contact 703-556-9222. Alternatively, completed forms can be faxed to the APA at: 703-556-8729 or e-mailed to jackie@academicpeds.org. 

Number your Networking Lunch choices 1 through 5. Number your Breakout Session choices 1 through 6. Use each number or your placement may be randomized. 

Roundtable Lunch 1:00-2:15 pm 

___ 1. AAP - Pediatric Research in Office Setting Network 
___ 2. National Initiative for Child Health Quality (NICHQ) - FULL 
___ 3. Quality Improvement and Innovations Network (QuIIN) - FULL 
___ 4. Pediatric Research in Inpatient Setting Network (PRIS) - FULL 

Network Lunch and Breakout Session Selection: 

Breakout Session 1 - 11am - 1pm 

1. Stepped Wedge Designs - 101* - FULL 
2. Interrupted Time Series - 201† 
3. Statistical Process Control in QI Research -FULL 
4. Navigation and Statistical Management of Large Databases in QI Research 101* - FULL 
5. Risk Adjustment in Quality Improvement Research 
6. Formative Evaluation/Discover Capacity 

Breakout Session 2 - 2:15 - 4:15pm 

1. Stepped Wedge Designs - 201† 
2. Interrupted Time Series - 101* - FULL 
3. Publishing and Disseminating Results of QI Research FULL 
4. Navigation and Statistical Management of Large Databases in QI Research 201† 
5. Using Mixed Methods in QI Research - FULL 
6. Using Patient Registries in QI Research- FULL 

* Indicates an introductory level session  
† Indicates an intermediate-advanced session